

**THERAPEUTIC APPLICATIONS
OF ESTROGENIC CARBOXYLIC ACIDS**

Abstract

5 Provided are methods employing estrogenic compounds for: repressing weight
gain or reducing weight in male patients; treating or preventing prostate cancer and peri- or
post-menopausal symptoms; treating estrogen-responsive conditions that no longer
respond to treatment with conventional steroidal estrogens; treating or preventing
10 estrogen-responsive uterine cancer, breast cancer, and ovarian follicle atresia; inducing
ovulation to increase fertility; oral contraception; treating or preventing diseases or
conditions caused or prolonged by free radicals; treating or preventing cardiovascular
disease, hyperlipidemia or hypercholesterolemia, and hyperglycemia; improving body fat
distribution; and treating or preventing Alzheimer's disease, osteoporosis, and pattern
10 baldness. Also provided are methods for treating or preventing prostatic diseases
including benign prostate hyperplasia and other related conditions, androgen-responsive
pathological conditions in males, and methods for male birth control and chemical
castration, employing estrogenic carboxylic acids.